

**Wang Engineering, INC.**  
Consulting Geotechnical and Environmental Engineers  
wangeng3@wangeng.com  
1145 Main Street  
Lombard, IL 60148  
Telephone: 630 953-9928  
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**BORING LOG P-069**  
WEI Job No.: 414-07-01

Datum: CCD  
Elevation: -6.17 ft  
North: 1850805.72 ft  
East: 1177570.35 ft  
Station: 2294+42  
Offset: 1' RT

Client: T. Y. LIN International, Inc.  
Project: Dan Ryan Contracts 62304 (20) and 62593 (23)  
Location: City of Chicago, Cook County, Illinois

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	N Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
-7.2	4-inch thick ASPHALT over 8-inch thick CONCRETE														
-7.5	--PAVEMENT--														
-7.5	4-inch thick CRUSHED STONE			1	2	2.25	15								
	--BASE COURSE--														
	Very stiff, gray CLAY														
-9.4	Hard, gray SILTY CLAY			2	7										
					9	4.50	13								
					10										
				3	13	4.50	12								
					13										
					16										
					14										
				4	9										
					14										
					15										
					15										
				5	5	4.50	12								
					9										
					10										
					10										
					10										
-17.2	Boring terminated at 11.00 ft														

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	10-10-2003	Complete Drilling	10-10-2003	While Drilling	∇	DRY	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	∇	DRY	
Driller	K&L	Logger	Y. Shiu	Time After Drilling	NA		
Checked by	MLS	Drilling Method	3.25" ID HSA; Boring backfilled with bentonite upon completion	Depth to Water	∇	NA	
				The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.			

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**BORING LOG P-070**  
WEI Job No.: 414-07-01

Datum: CCD  
Elevation: -8.56 ft  
North: 1849855.53 ft  
East: 1177599.26 ft  
Station: 2284+92  
Offset: 3' RT

Client: T. Y. LIN International, Inc.  
Project: Dan Ryan Contracts 62304 (20) and 62593 (23)  
Location: City of Chicago, Cook County, Illinois

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	N Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
-9.6	4-inch thick ASPHALT over 8-inch thick CONCRETE														
-9.9	--PAVEMENT--														
-9.9	4-inch thick CRUSHED STONE			1	3										
	--BASE COURSE--														
	Hard, gray SILTY CLAY														
					5	4.50	11								
					8										
					15	4.50	11								
					15										
					16										
				3	17	4.50	11								
					18										
					21										
					25										
				4	6	4.50	11								
					12										
					15										
					12										
				5	5	4.50	12								
					10										
					12										
					11										
-19.6	Boring terminated at 11.00 ft														

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	10-10-2003	Complete Drilling	10-10-2003	While Drilling	∇	DRY	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	∇	DRY	
Driller	K&L	Logger	Y. Shiu	Time After Drilling	NA		
Checked by	MLS	Drilling Method	3.25" ID HSA; Boring backfilled with bentonite upon completion	Depth to Water	∇	NA	
				The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.			

**LEGEND**

NP NON-PLASTIC  
B BULGE FAILURE  
S SHEAR FAILURE  
P POCKET PENETROMETER

**TYLIN INTERNATIONAL**

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)  
**SOIL BORINGS P-069 & P-070**

SCALE: N.T.S.      DRAWN BY: RTM  
DATE: MARCH 7, 2006      CHECKED BY: MPG